

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

In re patent application of: HERBRETEAU

Serial No.: New Application

Examiner:

Filed: On even date herewith

Art Unit:

For: WORKING ENCLOSURE WITH PROPELLER ...

Docket No.: P07318US00

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C.

S I R:

Prior to examination, please amend the above-identified application as follows:

IN THE CLAIMS

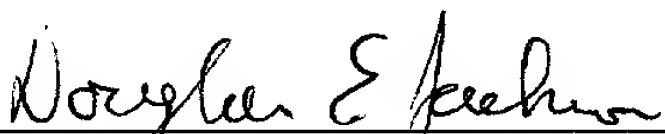
A clean version of all pending claims is provided herewith in **Attachment A**. It will be noted that all of the claims have been amended relative to the previously provided version as shown by the marked up version thereof in **Attachment B** provided herewith.

REMARKS

The present amendment is made to eliminate multiple dependent claims and thus eliminate the requirement for a multiple claim fee.

Respectfully submitted,

Date: July 27, 2001


By: Douglas E. Jackson
Registration No.: 28,518

LARSON & TAYLOR, PLC • 1199 North Fairfax St. • Suite 900 • Alexandria, VA 22314 • (703) 739-4900

ATTACHMENT A

Clean Replacement Claims (entire set of pending claims)

Following herewith is a clean copy of the entire set of pending claims.

1. (amended) A working enclosure, comprising at least one envelope delimiting the inside of a working chamber, and at least one fan for making the atmosphere of the working chamber move, the fan comprising a propeller, which is placed inside the working chamber in order to rotate about a geometrical axis of rotation, and a motor with a rotating magnetic field comprising a stator located outside the working chamber, and a rotor mounted so as to rotate with the propeller as one piece and made to rotate by the rotating magnetic field, wherein the propeller forms the rotor.
2. (amended) An enclosure as claimed in to Claim 1, wherein the propeller comprises blades, the upper surfaces of which are inclined at least partially with respect to its axis of rotation in order to produce a local partial vacuum above the propeller, tending to lift it.
3. (amended) An enclosure as claimed in Claim 1, further comprising means for indexing the position of the propeller with respect to the support surface.
4. (amended) An enclosure as claimed in claim 1, characterized wherein the propeller rests on a support surface located in the working chamber.
5. (amended) An enclosure as claimed in Claim 4, wherein the propeller rests freely on at least one support located in the working chamber.
6. (amended) An enclosure as claimed in Claim 5, wherein the propeller rests directly on the said support which provides said support surface.

7. (amended) An enclosure as claimed in Claim 4, further comprising at least one shelf placed in the working chamber, the shelf comprising a lower wall and an upper wall between which the propeller is housed, the lower wall providing the said support surface.
8. (amended) An enclosure as claimed in Claim 7, wherein the propeller rests freely on at least one support located in the working chamber; and the propeller rests on the support via the lower wall of the shelf.
9. (amended) A working enclosure as claimed in claim 1, further comprising at least one element for heating the atmosphere of the enclosure of the working chamber.
10. (amended) A working enclosure as claimed in claim 1, further comprising at least one element for cooling the atmosphere of the working chamber.
11. (amended) An enclosure as claimed in claim 1, wherein the stator is a stator for producing a rotating magnetic field in order to make the propeller rotate.
12. (amended) An enclosure as claimed in claim 1, wherein the propeller comprises at least one permanent magnet.

ATTACHMENT B

Marked Up Replacement Claims

Following herewith is a marked up copy of each rewritten claim together with all other pending claims.

1. (amended) ~~Working~~ A working enclosure (1), of the type comprising at least one envelope (5) delimiting the inside of a working chamber (7), and at least one fan (10) for making the atmosphere of the working chamber move, the fan comprising a propeller (11), which is placed inside the working chamber in order to rotate about a geometrical axis of rotation (A), and a motor (11, 12) with a rotating magnetic field comprising a stator located outside the working chamber, and a rotor mounted so as to rotate with the propeller as one piece and made to rotate by the rotating magnetic field, characterized ~~in that~~ wherein the propeller forms the rotor.

2. (amended) ~~Enclosure~~ An enclosure according ~~as claimed in~~ to Claim 1, characterized ~~in that~~ wherein the propeller (11) comprises blades (21), the upper surfaces (38) of which are inclined at least partially with respect to its axis of rotation (A) in order to produce a local partial vacuum above the propeller, tending to lift it.

3. (amended) ~~Enclosure according to~~ An enclosure as claimed in Claim 1, characterized ~~in that it comprises~~ further comprising means (25, 27) for indexing the position of the propeller with respect to the support surface (28, 44).

4. (amended) ~~Enclosure according to~~ An enclosure as claimed in claim 1, characterized ~~in that~~ wherein the propeller (11) rests on a support surface (28, 44) located in the working chamber (7).

5. (amended) ~~Enclosure according to~~ An enclosure as claimed in Claim 4, characterized ~~in that~~ wherein the propeller rests freely on at least one support (16, 48) located in the working chamber (7).

6. (amended) ~~Enclosure according to~~ An enclosure as claimed in Claim 5,
characterized in that wherein the propeller rests directly on the said support (16) which
provides the said support surface (28).

7. (amended) ~~Enclosure according to~~ An enclosure as claimed in Claim 4, characterized
in that it comprises further comprising at least one shelf (40) placed in the working
chamber, the shelf comprising a lower wall (41) and an upper wall (42) between which
the propeller (11) is housed, the lower wall (41) providing the said support surface (44).

8. (amended) ~~Enclosure according to Claims 5 and~~ An enclosure as claimed in Claim 7,
~~taken together,~~ characterized in that wherein the propeller rests freely on at least one
support located in the working chamber; and the propeller rests on the support (48) via
the lower wall (41) of the shelf.

9. (amended) ~~Working enclosure according to~~ A working enclosure as claimed in claim
1, characterized in that it comprises further comprising at least one element (30) for
heating the atmosphere of the enclosure of the working chamber (7).

10. (amended) ~~Enclosure according to~~ A working enclosure as claimed in claim 1,
characterized in that it comprises further comprising at least one element for cooling the
atmosphere of the working chamber.

11. (amended) ~~Enclosure according to~~ An enclosure as claimed in claim 1,
characterized in that wherein the stator (12) is a stator for producing a rotating magnetic
field in order to make the propeller (11) rotate.

12. (amended) ~~Enclosure according to~~ An enclosure as claimed in claim 1,
characterized in that wherein the propeller (11) comprises at least one permanent
magnet (24).